

Course Offering  
Semester: Fall 2024  
**Program: Mathematics**

S.#	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester	Remarks
1.	MT3053	E-1 (Differential Geometry-II)	Core	1	MT2043	Nil	5	Sem 5,6
2.	MT3323	Partial Differential Equations	Core	1	MT2313,MTCE1043	Nil	5	Sem 5,6
3.	MT3123	Complex Analysis	Core	1	MT3113	Nil	6	Sem 5,6,7
4.	MT3133	Functional Analysis	Core	1	MT2443, MT3113	Nil	6	Sem 5,6,7
5.	MT3343	Mathematical Methods	Core	1	Nil	Nil	6	Sem 5,6,7
6.	MT4713	E-3 (Cryptography)	Elective	1	Nil	Nil	7	Sem 5,6,7
7.	MT4912	Project-I	General	1	Nil	Nil	7	Sem 7
8.	MT5643	Applied Cryptography	Elective	1	Nil	Nil	Nil	Graduate Course
9.	MT5243	Finite Difference Methods	Elective	1	Nil	Nil	Nil	Graduate Course
10.	MT5023	Advanced Wave Mechanics	Elective	1	Nil	Nil	Nil	Graduate Course
11.	MT5063	Perturbation Methods	Elective	1	Nil	Nil	Nil	Graduate Course
12.	MT5553	Heat and Mass Transfer	Elective	1	Nil	Nil	Nil	Graduate Course